

EM Completed Projects 2005-Present

In order to promote transparency with stakeholders and the public, the Office of Environmental Management (EM) is posting key project management information. This web page provides the list of completed EM cleanup projects from various sites across the country from 2005 to present, along with the each project's performance related to cost, schedule, and scope.

The EM cleanup projects address large quantities of radioactive wastes, spent nuclear fuel, excess plutonium and uranium, thousands of contaminated facilities, and contaminated soil and groundwater resulting from five decades of nuclear weapons production and energy research during the Cold War.

The EM cleanup projects fall into several categories including soil and water remediation, ground water remediation, solid waste stabilization and disposition, nuclear and non-nuclear decommissioning and demolition. In each of these cleanup categories, EM has to complete a series of individual projects at the various sites. The cleanup at a site is broken into multiple individual projects with a well-defined scope, schedule, and cost.

The table below shows the individual projects EM has completed in each category at each site. At many sites, additional projects are ongoing or will be needed in the future to finish the cleanup in each category.

The table highlights the projected costs, actual costs, projected completion dates, and actual completion dates. The EM projects were completed with the following success metrics:

- All projects completed the required scope
- 86 percent (25 of 29 projects) completed on schedule
- 90 percent (26 of 29 projects) completed within 25 percent of project budget

DOE Office of Environmental Management Completed Projects - 2005 to Present									
Site	Category	Project Name	Approved Cost \$M	Actual Cost \$M	Approved Completion Date (Calendar Year)	Actual Completion Date (Calendar Year)	Cost Success?	Schedule Success?	Completed Scope?
Columbus (West Jefferson), OH (a)	Nuclear Facility Decontamination and Decommissioning	Nuclear Facility D&D, West Jefferson OH-CL-0040	\$ 163	\$ 163	2006	2006	✓	✓	✓
Ashtabula, OH (a)	Soil and Water Remediation	Soil and Water Remediation - Ashtabula OH-AB-0030	\$ 157	\$ 147	2006	2006	✓	✓	✓
Fernald, OH (a)	Solid Waste Stabilization and Disposition	Solid Waste Stabilization and Disposition, Fernald OH-FN-0013	\$ 1,489	\$ 1,599	2006	2006	✓	✓	✓
	Soil and Water Remediation	Soil and Water Remediation, Fernald OH-FN-0030	\$ 1,110	\$ 1,069	2006	2006	✓	✓	✓
	Non-Nuclear Facility Decontamination and Decommissioning	Non-Nuclear Facility D&D, Fernald OH-FN-0050	\$ 512	\$ 234	2006	2006	✓	✓	✓
Mound, OH (b)	Solid Waste Stabilization and Disposition	Solid Waste Stabilization and Disposition, Miambsburg OH-MB-0013	\$ 202	\$ 265	2006	2006		✓	✓
	Soil and Water Remediation	Soil and Water Remediation, Miambsburg OH-MB-0030	\$ 164	\$ 250	2006	2006		✓	✓
	Nuclear Facility Decontamination and Decommissioning	Nuclear Facility D&D, Miambsburg OHOMB-0040	\$ 484	\$ 505	2006	2006	✓	✓	✓
Brookhaven National Lab, NY (a)	Soil and Water Remediation	Soil and Water Remediation, Brookhaven National Laboratory BRNL-0030	\$ 196	\$ 202	2005	2005	✓	✓	✓
Oak Ridge, TN (a)	Solid Waste Stabilization and Disposition	Solid Waste Stabilization and Disposition, Oak Ridge OR-0013	\$ 461	\$ 465	2006	2006	✓	✓	✓
	Soil and Water Remediation	Soil and Water Remediation, Oak Ridge OR-0030	\$ 352	\$ 351	2006	2006	✓	✓	✓
	Soil and Water Remediation	Soil and Water Remediation - Offsites, Oak Ridge OR-0031	\$ 13	\$ 11	2012	2010	✓	✓	✓
Inhalation Toxicology Lab, NM (b)	Soil and Water Remediation	Soil and Water Remediation, Inhalation Toxicology Laboratory CBC-ITL-0030	\$ 8	\$ 11	2006	2008			✓
Lawrence-Livermore National Lab, CA (a)	Solid Waste Stabilization and Disposition	Solid Waste Stabilization and Disposition, Lawrence Livermore National Laboratory LLNL-0013	\$ 74	\$ 72	2006	2005	✓	✓	✓
	Soil and Water Remediation	Soil and Water Remediation, Lawrence Livermore National Laboratory LLNL-0030	\$ 123	\$ 123	2006	2005	✓	✓	✓
Lawrence-Livermore National Lab, CA (d)	Soil and Water Remediation	Soil and Groundwater Remediation Project, Operable Units 1-8, Site 300 VL-LLNL-0031	\$ 123	\$ 125	2009	2010	✓		✓
Lawrence-Berkeley National Lab, CA (a)	Soil and Water Remediation	Soil and Water Remediation, Lawrence Berkeley National Laboratory CBC-LBNL-0030	\$ 34	\$ 34	2006	2007	✓		✓
Kansas City Plant, MO (a)	Soil and Water Remediation	Soil and Water Remediation, Kansas City Plant VL-KCP-0030	\$ 29	\$ 28	2006	2006	✓	✓	✓
Lab for Energy Related Health Research, CA (a)	Nuclear Facility Decontamination and Decommissioning	Nuclear Facility Decontamination and Decommissioning, Laboratory for Energy-Related Health Research LEHR-0040	\$ 41	\$ 38	2005	2005	✓	✓	✓
Rocky Flats, CO (c)	Nuclear Facility D&D, Soil and Water Remediation	Rocky Flats Closure Project RF-0011, RF-0013, RF-0040, RF-0041	\$ 7,500	\$ 6,707	2006	2005	✓	✓	✓
Nevada Test Site, NV	Solid Waste Stabilization and Disposition	Solid Waste Stabilization and Disposition, Nevada Test Site VL-NV-0013	\$ 30	\$ 29	2008	2009	✓		✓
Pantex Plant, NM (d)	Soil and Water Remediation	Soil and Water Remediation, Pantex Plant VL-PX-0030	\$ 182	\$ 182	2009	2009	✓	✓	✓
	Nuclear Facility Deactivation and Decommissioning	Nuclear Facility Deactivation and Decommissioning, Pantex Plant VL-PX-0040	\$ 18	\$ 15	2007	2007	✓	✓	✓
Argonne National Laboratory, IL (a)	Soil and Water Remediation	Soil and Water Remediation, Argonne National Laboratory-East ANLE-0030	\$ 28	\$ 30	2007	2007	✓	✓	✓
	Nuclear Facility Deactivation and Decommissioning	Nuclear Facility Deactivation and Decommissioning, Argonne National Laboratory-East ANLE-0040	\$ 17	\$ 17	2009	2009	✓	✓	✓
Sandia National Laboratory (d)	Soil and Water Remediation	Soil and Water Remediation, Sandia National Laboratory VL-SN-0030	\$ 235	\$ 236	2009	2009	✓	✓	✓
Idaho National Laboratory	Nuclear Materials Stabilization and Disposition	Nuclear Materials Stabilization and Disposition, Idaho National Laboratory ID-0011	\$ 35	\$ 11	2010	2010	✓	✓	✓
Moab UMTRA Project	Soil and Water Remediation	Uranium Mill Tailings Remediation Project (UMTRA) CBC-MOAB-0031.C1	\$ 41	\$ 39	2012	2009	✓	✓	✓
Los Alamos Site Office (LASO)	Nuclear Facility Decontamination and Decommissioning	Decontamination and Decommissioning of the Tritium Systems and Test Assembly (TSTA) Facility, Capital Asset VL-LANL-0040-N.R1	\$ 15	\$ 14	2012	2010	✓	✓	✓
Total (of 29 Projects)							26	25	29
% Success							90%	86%	100%

(a) These projects were baselined at different times and under different guidance. The cost, schedule, and scope success is measured against values reported to Congress in July 2004 by the Department of Energy's Office of Management and Budget.

(b) These projects have achieved Physical Completion and formal Project Closeout (Critical Decision-4) is pending.

(c) Rocky Flats Closure Project cost, schedule, and scope success is measured against the 2001 Closure Baseline.

(d) Projects achieved Physical Completion in 2009. Formal Project Closeout (Critical Decision-4) documentation was completed in 2010.